

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/551,158
				Filing Date	September 25, 2006
				First Named Inventor	Samuel J. Danishefsky
				Art Unit	1626
				Examiner Name	Robert H. Havlin
Sheet	1	of	5	Attorney Docket Number	2003080-0201 (SK 1071-US-1)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1*	US-20070037783	02-15-2007	Huang et al.	
	A2*	US-20070037852	02-15-2007	Danishefsky et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	C1	Abiko, A.; Liu, J. F.; Masamune, S. <i>J. Am. Chem. Soc.</i> 1997 , 119, 2586		
	C2	Ahmar, M.; Duyck, C.; Fleming I. <i>J. Chem. Soc., Perkin Trans. 1</i> 1998 , 2721		
	C3	Asami, Y.; Kakeya, H.; Onose, R.; Yoshida, A.; Matsuzaki, H.; Osada, H. <i>Org. Lett.</i> 2002 , 4, 2845		
	C4	Aslakson, C. J., and Miller, F. R. 1992. Selective events in the metastatic process defined by analysis of the sequential dissemination of subpopulations of a mouse mammary tumor. <i>Cancer Research</i> 52: 1399-1405		
	C5	Biswas, K.; Lin, H.; Njardarson, J. T.; Chappell, M. D.; Chou, T. C.; Guan, Y.; Tong, W. P.; He, L.; Horwitz, S. B.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2002 , 124, 9825		
	C6	Blanchette <i>et al.</i> , <i>Tet. Lett.</i> , 1984 , 25, 2183		
	C7	Boden, E. P.; Keck, G. E. <i>J. Org. Chem.</i> 1985 , 50, 2394		
	C8	Brower, V. <i>Nat. Biotechnol.</i> 1999 , 17, 963		
	C9	Capitosti, S. M.; Hansen, T. P.; Brown, M. L. <i>Bioorg. Med. Chem.</i> 2004 , 12, 327		
	C10	Carmeliet, P. <i>Nat. Med.</i> 2003 , 9, 653		
	C11	Chan, J.; Jamison, T. F. <i>J. Am. Chem. Soc.</i> 2003 , 125, 11514		
	C12	Chaomin, L.; Bardhan, S.; Pace, E. A.; Liang, M. C.; Gilmore, T. D.; Porco Jr. , J. A. <i>Org. Lett.</i> 2002 , 4, 3267		
	C13	Chun, J.; Li, G.; Byun, H. S.; Bittman, R. <i>J. Org. Chem.</i> 2002 , 67, 2600		
	C14	Cristofanilli, M.; Chamsangavej, C.; Hortobagyi, G. N. <i>Nat. Rev. Drug Discovery</i> 2002 , 1, 415		
	C15	Crystallographic data (excluding structural data) for compound 24 have been deposited with the Cambridge Crystallographic Data Centre (CCDC) as Deposition No. CCDC 230121		
	C16	D'Amato, R. J.; Loughnan, M. S.; Flynn, E.; Folkman, J. <i>Proc. Natl. Acad. Sci.</i> 1994 , 91, 4082		
	C17	Danishefsky <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 1985 , 107, 1256		
	C18	Danishefsky, S. J. <i>Aldrichimica Acta</i> 1986 , 19, 59		
	C19	Danishefskv. S. J. <i>et al.</i> ; <i>J. J Am. Chem. Soc.</i> 1979 , 101, 7001		

4595709		Date Considered	
---------	--	-----------------	--

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/551,158
				Filing Date	September 25, 2006
				First Named Inventor	Samuel J. Danishefsky
				Art Unit	1626
				Examiner Name	Robert H. Havlin
Sheet	2	of	5	Attorney Docket Number	2003080-0201 (SK 1071-US-1)

C20	Danishefsky, S. J.; Kitahara, T. <i>J. Am. Chem. Soc.</i> 1974 , 96, 7807	
C21	Danishefsky, S. J.; Kato, N.; Askin, D.; Kerwin Jr., J. F. <i>J. Am. Chem. Soc.</i> 1982 , 104, 360	
C22	Danishefsky, S. J.; Masters, J. J.; Young, W. B.; Link, J. T.; Snyder, L. B.; Magee, T. V.; Jung, D. K.; Isaacs, R. C. A.; Bornmann, W. G.; Alaimo, C. A.; Coburn, C. A.; DiGrandi, M. J. <i>J. Am. Chem. Soc.</i> 1996 , 118, 2843	
C23	Danishefsky, S.J. <i>Chemtracts</i> 1989 , 2, 273 (Part I)	
C24	Danishefsky, S.J. <i>Chemtracts</i> 1989 , 2, 273 (Part II)	
C25	Deplanque, G.; Harris, A. L. <i>Eur. J Cancer</i> 2000 , 36, 1713	
C26	Dess, D. B.; Martin, J. C. <i>J. Am. Chem. Soc.</i> 1991 , 113, 7277	
C27	Dixon, D. J.; Krause, L.; Ley, S. V. <i>J. Chem. Soc., Perkin Trans. 1</i> , 2001 , 2516	
C28	Dredge, K.; Dalgleish, A. G.; Marriott, J. B. <i>Anti-Cancer Drugs</i> 2003 , 14, 331	
C29	Duffey, M. O.; LeTiran, A.; Morken, J. P. <i>J. Am. Chem. Soc.</i> 2003 , 125, 1458	
C30	Edmonds, M. K.; Abell, A. D. <i>J. Org. Chem.</i> 2001 , 66, 3747	
C31	Egawa, Y. et al.; <i>Chem. Pharm. Bull.</i> 1963 , 11, 589	
C32	Eng, H. M.; Myles, D. C. <i>Tetrahedron Lett.</i> 1999 , 40, 2279	
C33	Evans et al., <i>J. Am. Chem. Soc.</i> , 2002 , 124, 392	
C34	Evans, D.A., <i>Aldrichimica Acta</i> , 1982 , 15, 23-32	
C35	Fenteany, G.; Zhu, S. <i>Curr. Top. Med. Chem.</i> 2003 , 3, 593	
C36	Ferrier, <i>J Chem. Soc.</i> , 1964 , 5443	
C37	Garbaccio, R. M.; Stachel, S. J.; Baeschlin, D. K.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2001 , 123, 10903	
C38	Gaul, C. et al.; <i>J. Am. Chem. Soc.</i> 2003 , 125, 6042	
C39	Gaul, C. et al.; <i>J. Am. Chem. Soc.</i> 2004 , 126(4), 1038-1040	
C40	Gaul, C., et al., <i>Tetrahedron Lett.</i> , 2002 , 43, 9039-9042	
C41	Harris, C. R.; Danishefsky, S. J. <i>J. Org. Chem.</i> 1999 , 64, 8434	
C42	Hayashi, Y.; Shoji, M.; Yamaguchi, J.; Sato, K.; Yamaguchi, S.; Mukaiyama, T.; Sakai, K.; Asami, Y.; Kakeya, H.; Osada, H. <i>J. Am. Chem. Soc.</i> 2002 , 124, 12078	
C43	Hirai, K.; Ooi, H.; Esumi, T.; Iwabuchi, Y.; Hatakeyama, S. <i>Org. Lett.</i> 2003 , 5, 857	
C44	Hochlowski, J. E.; Whittern, D. N.; Hill, P.; McAlpine, J. B. <i>J. Antibiot.</i> 1994 , 47, 870	
C45	Inanaga et al., <i>Bull. Chem. Soc. Jpn.</i> , 1979 , 52, 1989	
C46	Jorgensen et al., <i>J. Org. Chem.</i> , 2001 , 66, 4630	
C47	Jung, H. J.; Lee, H. B.; Kim, C. J.; Rho, J. R.; Shin, J.; Kwon, H. J. <i>J. Antibiot.</i> 2003 , 56, 492	
C48	Kadam, S.; McAlpine, J.B. <i>J. Antibiot.</i> 1994 , 47, 875	
C49	Kakeya, H.; Onose, R.; Koshino, H.; Yoshida, A.; Kobayashi, K.; Kageyama, S. I.; Osada, H. <i>J. Am. Chem. Soc.</i> 2002 , 124, 3496	
C50	Kakeya, H.; Onose, R.; Yoshida, A.; Koshino, H.; Osada, H. <i>J. Antibiot.</i> 2002 , 55, 829	
C51	Kantarjian, H. M. <i>Curr. Opin. Oncol.</i> 2001 , 12(6), 564-573	
C52	Karwowski, J. P.; Jackson, M.; Sunga, G.; Sheldon, P.; Poddig, J. B.; Kohl, W. L.; Adam, S. J. <i>Antibiot.</i> 1994 , 47, 862	
C53	Katzenellenbogen, J. A. et al.; <i>J. Chem. Soc., Perkin Trans. 1</i> 1998 , 2721	
C54	Katzenellenbogen, J.A., et al., <i>J. Am. Chem. Soc.</i> , 1976 , 98, 4925	
C55	Kerbel, R.; Folkman, J. <i>Nat. Rev. Cancer</i> 2003 , 2, 727	
C56	Kitaori, K.; Furukawa, Y.; Yoshimoto, H.; Otera, J. <i>Tetrahedron</i> 1999 , 55, 14381	
C57	Klohs, W. D.; Hamby, J. M. <i>Curr. Opin. Biotechnol.</i> 1999 , 10, 544	
C58	Kondo, H.; Oritani, T.; Kiyota, H. <i>Eur. J. Org. Chem.</i> 2000 , 3459	
C59	Lauffenburger, D. A.; Horwitz, A. F. <i>Cell</i> 1996 , 84, 359	
C60	Lee, W. W.; Chang, S. <i>Tetrahedron: Asymmetry</i> 1999 , 10, 4473	

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/551,158
				Filing Date	September 25, 2006
				First Named Inventor	Samuel J. Danishefsky
				Art Unit	1626
				Examiner Name	Robert H. Havlin
Sheet	3	of	5	Attorney Docket Number	2003080-0201 (SK 1071-US-1)

C61	Li, D. R.; Xia, W. J.; Shi, L.; Tu, Y. Q. <i>Synthesis</i> 2003 , 41	
C62	Lin, S. ; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2001 , 40(10), 1967-1970	
C63	Luche <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 1979 , 101, 5848	
C64	Mahoney <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 1988 , 110, 291	
C65	Mattson, M. P. ; Furukawa, K. <i>Apoptosis</i> 1997 , 2, 257	
C66	Mehta, G.; Islam, K. <i>Tetrahedron Lett.</i> 2003 , 44, 3569	
C67	Miller, F. R., Miller, B. E., and Heppner, G. H. 1983. Characterization of metastatic heterogeneity among subpopulations of a single mouse mammary tumor : heterogeneity in phenotypic stability. <i>Invasion Metastasis</i> 33: 22-31	
C68	Mukaiyama, T. <i>Agnew. Chem. Int. Ed.</i> 1979 , 18, 707	
C69	Mukaiyama, T., Usui, M.; Shimada, E.; Saigo, K. <i>Chem. Lett.</i> 1975 , 1045	
C70	Myers, A. G.; Siu, M.; Ren, F. <i>J. Am. Chem. Soc.</i> 2002 , 124, 4230	
C71	Nakae <i>et al.</i> , <i>J. Antibiot.</i> , 2000 , 53, 1228-1230	
C72	Nakae <i>et al.</i> , <i>J. Antibiot.</i> , 2001 , 54, 1104-1107	
C73	Nakae K.; Yoshimoto, Y.; Sawa, T.; Homma, Y.; Hamada, M.; Takeuchi, T.; Imoto, M. <i>J Antibiotics</i> (2000), 53,1130-1136	
C74	Nakamura, H., <i>et al.</i> , <i>J. Antibiot.</i> , 2002 , 55, 442-444	
C75	Njardarson, J.T., <i>et al.</i> , <i>J. Am. Chem. Soc.</i> , 2004 , 126, 1038-1040	
C76	Ogasawara, M.; Matsubara, T.; Suzuki, H. <i>Biol. Pharm. Bull.</i> 2001 , 24, 720	
C77	Ogasawara, M.; Matsubara, T.; Suzuki, H. <i>Biol. Pharm. Bull.</i> 2001 , 24, 917	
C78	Ogasawara, M.; Matsunaga, T.; Takahashi, S.; Saiki, I.; Suzuki, H. <i>Biol. Pharm. Bull.</i> 2002 , 25, 1491	
C79	Prakash, G. K. S.; Krishnamurti, R.; Olah, G. A. <i>J. Am. Chem. Soc.</i> 1989 , 111, 393	
C80	Pulaski, B. A., and Ostrand-Rosenberg, S. 1998. Reduction of established spontaneous mammary carcinoma metastases following immunotherapy with major histocompatibility complex class II and B7.1 cell-based tumor vaccines. <i>Cancer Res</i> 58: 1486-1493	
C81	Raje, N.; Anderson, K. C. <i>Curr. Opin. Oncol.</i> 2002 , 14, 635	
C82	Reetz, M. T.; Kessler, K. <i>J. Org. Chem.</i> 1985 , 50, 5434	
C83	Rice, <i>et al.</i> , <i>Anal. Biochem.</i> 1996 , 241: 254-259	
C84	Rivkin, A.; Yoshimura, F.; Gabarda, A. E.; Chou, T. C.; Dong, H.; Tong, W. P.; Danishefsky, S. <i>J. J. Am. Chem. Soc.</i> 2003 , 125, 2899	
C85	Roskelley, C. D.; Williams, D. E.; McHardy, L. M.; Leong, K. G.; Troussard, A.; Karsan, A.; Andersen, R. J.; Dedhar, S.; Roberge, M. <i>Cancer Res.</i> 2001 , 61, 6788	
C86	S.M. Berge, <i>et al.</i> , <i>J. Pharmaceutical Sciences</i> , 1977 , 66: 1-19	
C87	Scappaticci, F. A. <i>J Clin. Oncol.</i> 2002 , 20, 3906	
C88	Scholl <i>et al.</i> , <i>Org. Lett.</i> , 1999 , 1, 953	
C89	Scholl, M.; Trnka, T. M.; Morgan, J. P.; Grubbs, R. H. <i>Tetrahedron Lett.</i> 1999 , 40, 2247	
C90	Seco, J. M.; Latypov, S. K.; Quinoa, E.; Riguera, R. <i>Tetrahedron</i> 1997 , 53, 8541	
C91	Seco, J. M.; Quinoa, E.; Riguera, R. <i>Tetrahedron: Asymmetry</i> 2000 , 11, 2781	
C92	Shiozawa, H.; Takahashi, M.; Takatsu, T.; Kinoshita, T.; Tanzawa, K.; Hosoya, T.; Furuya, K.; Furihata, K.; Seto, H. <i>J. Antibiot.</i> 1995 , 48, 357	
C93	Shoji, M.; Yamaguchi, J.; Kakeya, H.; Osada, H.; Hayashi, Y. <i>Angew. Chem. Int. Ed.</i> 2002 , 41, 3192	
C94	Smith III, A. B.; Frohn, M. <i>Org. Lett.</i> 2001 , 3, 3979	
C95	Song <i>et al.</i> , <i>Org. Lett.</i> , 2002 , 4, 647	
C96	Stachel, S. J. ; Biswas, K.; Danishefsky, S. J. <i>Curr. Pharm. Des.</i> 2001 , 7, 1277	
C97	Stachel, S.J.; Lee, C.B.; Spassova, M.; Chappell, M.D.; Bornmann, W.G.; Danishefsky, S.J.J.	

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/551,158
				Filing Date	September 25, 2006
				First Named Inventor	Samuel J. Danishefsky
				Art Unit	1626
				Examiner Name	Robert H. Havlin
Sheet	4	of	5	Attorney Docket Number	2003080-0201 (SK 1071-US-1)

		<i>Org. Chem.</i> 2001 , 66, 4369	
	C98	Sugawara, K.; Nishiyama, Y.; Toda, S.; Komiyama, N.; Hatori, M.; Moriyama, T.; Sawada, Y.; Kamei, H.; Konishi, M.; Oki, T. <i>J. Antibiot.</i> 1992 , 45, 1433	
	C99	Takayasu, Y.; Tsuchiya, K.; Aoyama, T.; Sukenaga, Y. <i>J. Antibiot.</i> 2001 , 54, 1111	
	C100	Takayasu, Y.; Tsuchiya, K.; Sukenaga, Y. <i>J. Antibiot.</i> 2002 , 55, 337	
	C101	Takemoto, Y., <i>et al.</i> , <i>J. Antibiot.</i> , 2001 , 54, 1104-1107	
	C102	Tatsuta, K.; Masuda, N. <i>J. Antibiot.</i> 1998 , 51, 602	
	C103	Tebbe, F. N.; Parshall, G. W.; Reddy, G. S. <i>J. Am. Chem. Soc.</i> 1978 , 100, 3611	
	C104	Trost, B. M.; Bunt, R. C.; Pulley, S. R. <i>J. Org. Chem.</i> 1994 , 59, 4202	
	C105	Wakabayashi, T.; Kageyama, R.; Naruse, N.; Tsukahara, N.; Funahashi, Y.; Kitoh, K.; Watanabe, Y. <i>J. Antibiot.</i> 1997 , 50, 671	
	C106	Williams, D. E.; Craig, K. S.; Patrick, B.; McHardy, L. M.; van Soest, R.; Roberge, M.; Andersen, R. J. <i>J. Org. Chem.</i> 2002 , 67, 245	
	C107	Williams, D. E.; Lassota, P.; Andersen, R. J. <i>J. Org. Chem.</i> 1998 , 63, 4838	
	C108	Woo <i>et al.</i> , <i>J. Antibiot.</i> , 2002 , 55, 141-146	
	C109	Woodhouse, E. C.; Chuaqui, R. F.; Liotta, L. A. <i>Cancer</i> 1997 , 80 (S8), 1529	
	C110	Xiang, G.; McLaughlin, L. W. <i>Tetrahedron</i> 1998 , 54, 375	
	C111	Yamamoto, K.; Garbaccio, R. M.; Stachel, S. J.; Solit, D. B.; Chiosis, G.; Rosen, N.; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2003 , 42, 1280	
	C112	Yamamoto, K.; Biswas, K.; Gaul, C.; Danishefsky, S. J. <i>Tetrahedron Lett.</i> 2003 , 44, 3297	
	C113	Yang, Z. Q.; Danishefsky, S. J. <i>J. Am. Chem. Soc.</i> 2003 , 125, 9602	
	C114	Yang, Z. Q.; Kwok, B. Ho; Lin, S.; Koldobskiy, M. A.; Crews, C. M.; Danishefsky, S. J. <i>Chembiochem</i> 2003 , 6, 508	
	C115	Yoshimura, F.; Rivkin, A.; Gabarda, A. E.; Chou, T. C.; Dong, H.; Sukenick, G.; Morel, F. F.; Taylor, R. E.; Danishefsky, S. J. <i>Angew. Chem. Int. Ed.</i> 2003 , 42, 2518	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

4595709		Date Considered	
---------	--	-----------------	--